

Knowledge Organisers

1st Summer Term

Science (no knowledge organiser – Climate Champions)

History

Geography

Art

PSHE

Latin

Computing

R.E.

P.E.

Music

Class 3 – Year 4

Knowledge Organiser - History – Year 4 – Early Stuarts, Gunpowder and Civil War.

Key Vocabulary:

Divine right of kings	The belief that kings are chosen by God and therefore should have all the power.
Plot	A secret plan made by a group of people to do something illegal or harmful.
The Gunpowder Plot	A plot, led by Robert Catesby, to blow up the Houses of Parliament on the 5 th November.
Union of the crowns	When King James VI of Scotland became King James I of England, this united the two kingdoms under one crown.
Monteagle letter	The letter received from Lord Monteagle from Francis Tresham, warning him of the Gunpowder Plot. The letter was given to James I who was able to capture Guy Fawkes.
Treason	A crime where a person betrays their country. This includes trying to kill their king.





Key Knowledge:

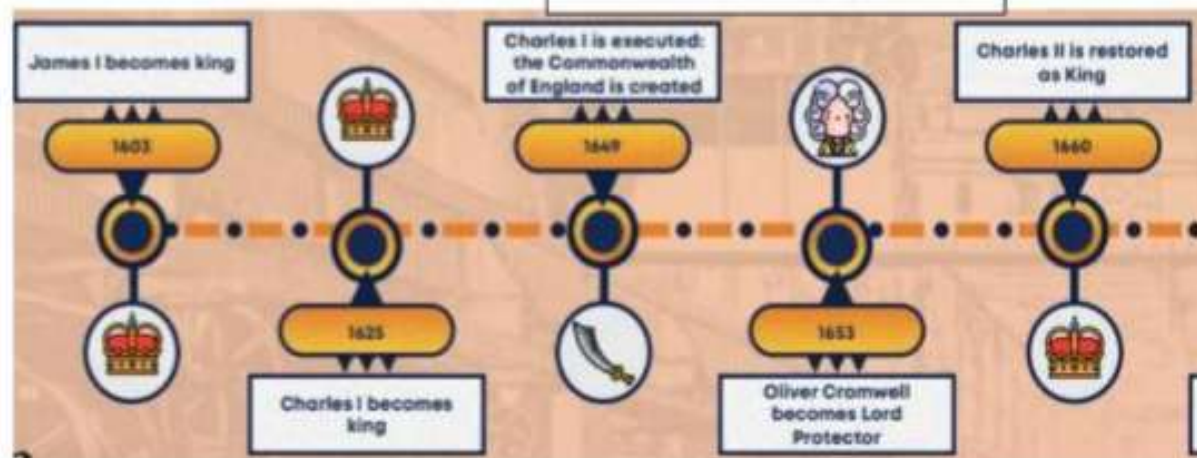
I know the James I believed in the divine right of kings and didn't treat Catholics well.
I know that James I was unpopular with lots of people at the time.
I know that there was a plot to blow up the Houses of Parliament, known as the Gunpowder plot, led by Robert Catesby
I know that the plot was discovered when a letter was shown to the king, and Guy Fawkes was discovered with 36 barrels of Gunpowder



Houses of Parliament, London

Key people

James I	James I was the King of England (and Scotland). He was a Protestant and believed in the 'divine right of kings'.	
Robert Catesby	He was the leader of the Gunpowder Plot.	
Francis Tresham	He wrote a letter to his friend telling him not to go to parliament.	
Guy Fawkes	He was a soldier and one of the plotters. He planned to blow up the Houses of Parliament and was caught.	



Knowledge Organiser - The South West – Geography – Year 4

Key Vocabulary:

Coastline	The line of the coast, where the land meets the sea
The Gulf Stream	A current of warm water that moves across the Atlantic Ocean before reaching the South West of England
County	England is split up into areas called Counties, these areas have their own councils who make decisions about local issues
Arable land	Land used for growing crops for farming
Pastoral land	Land used for raising animals for farming
Area of Outstanding Natural Beauty	A special area of land that is protected because of its beauty and importance
Moor	A large area of land where no crops are grown, often covered in heather
Tourism	Where people travel to an area for a holiday



Landmark	Image
Stonehenge	
Glastonbury Tor	
Tintagel Castle	
The Eden Project	

Key Knowledge:

- I understand that the coastline of the South West has been changed by erosion
- I know where the main cities/towns are in the South west
- I understand that tourism is a major industry in the South West
- I understand that dairy farming is an important industry in the South West

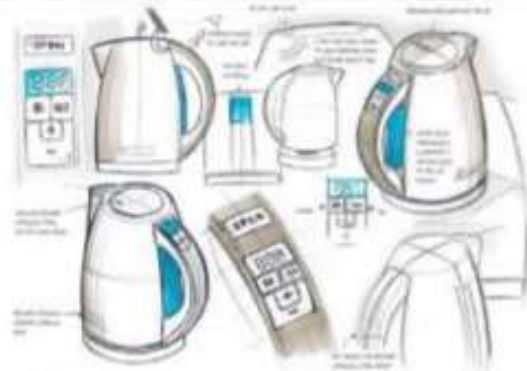
Knowledge Organiser –Dyson Engineering (Design Technology - Year Six)

Key Vocabulary:

Open Switch	When a switch is positioned such that electricity cannot flow through it.
Closed Switch	When a switch is positioned such that electricity can flow through it.
Output devices	Components that produce an outcome e.g. Bulbs, buzzers, motors
Input devices	Components that are used to control an electrical circuit e.g. Switches or sensors
Design brief	A document for a design project developed by a person or team. They outline the details of the project including any the function, aesthetics, timing and budget.
Innovation	A new method, idea or product.
Function	How something works or operates in a particular way
Purpose	The reason for which something is done or created or for which something exists.
Aesthetics	How something looks or what something sounds like.
Prototype	A first version of a product from which others are developed.

Key Knowledge:

I know who James Dyson is.
I know how fans have been innovated over time.
I understand how to create an electrical circuit for a fan mechanism.
I know that sketching is important in the design process.
I understand how prototypes help a product to evolve.



James Dyson

James' frustration with the vacuum bag encouraged him to rethink it, and use a cyclone design instead.



Push-to-make switch

When you push, the electricity flows through the circuit, but when you release it the switch goes off.



Push-to-break switch

The switch is off while the button is pushed, but returns to its 'on' position when button is released.

Reed switch

Activated by a magnet which closes the contacts.



Tilt switch

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Battery



Wire



Bulb



Buzzer



Motor

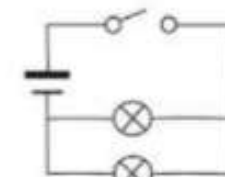


Switch (off)

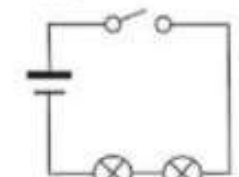


Switch (on)

Circuit Types



Parallel Circuit



Series Circuit

Knowledge Organiser – PSHE – Relationships - Year Four



Key Vocabulary	
Relationship	The way in which two people, groups or countries behave towards each other or deal with each other.
Distant	Not having a close relationship with somebody.
Belonging	The feeling of being comfortable and happy in a particular situation or with a particular group of people.
Loss	The death of a person or something special.
Sadness	The feeling of being sad.
Memorial	A thing that will continue to remind people of somebody/something.
Vegetarian	A person who does not eat meat or fish.
Debate	A formal discussion of an issue at a public meeting or in a parliament. In a debate two or more speakers express opposite views and then there is often a vote on the issue.

Key Knowledge
I can identify the web of relationships that I am part of, starting from those closest to me and including those more distant.
I can explain different points of view on an animal rights issue.
I know how to show love and appreciation to the people and animals who are special to me.



Reflective questions
Ask me this...
Can you share a solution that might help a person manage a personal loss?
How do friendships change? How do we manage falling out with friends?
What are your opinions on being a vegetarian?

Latin Knowledge Organiser - Unit 5: Romans and Britons

Key Vocabulary

Latin	English
ludunt	They play
sedent	They sit
equitāmus	They ride
colimus	They farm
pugnamus	They fight
ferōciter	fiercely
dīlīgenter	carefully
celeriter	quickly
et	and
tesserae	mosaics
ita vērō	yes
dīrēctae	straight
commodae	comfortable
nōbīscum	with us
viae	roads
villae	houses

Grammar

Words we use to talk about actions are called verbs, e.g. Candidus **is fighting**.

Words we use to add more information to a verb are called 'adverbs'. For example, celeriter equito - I ride quickly.

Adverbs in Latin often (but not always) end in -er.

UnitMotto
non dūcor dūcō = I am
not led, I lead



Britons are best!

Rufus, Flavia and Candidus are kicking a ball. They sit down for a rest and begin to talk...



Key Knowledge

To recap prior learning of masculine and feminine verb endings.

To translate simple sentences with verbs and adverbs.

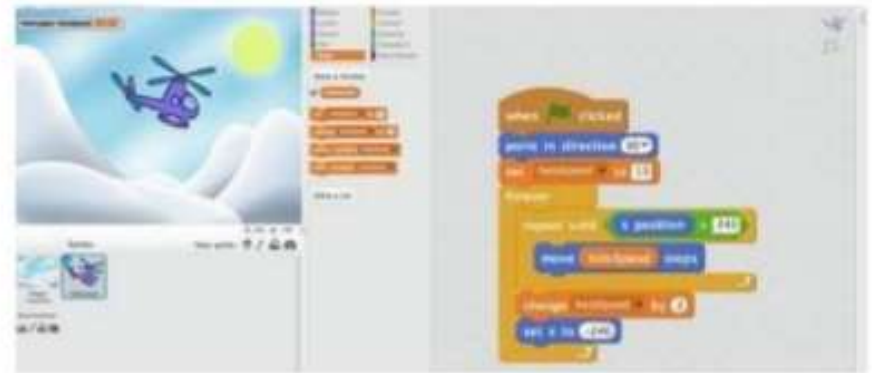
To complete sentences by selecting the appropriate adverb.

To translate sentences with simple plural forms.

To compare and contrast traditional tales from different cultures.

Knowledge Organiser – Variables in Games – Programming - Year 6

Key Vocabulary	Definition
Variable	Variables are data values that can change when the user is asked a question, for example, their age.
Change	To alter or modify something.
Name	A word or set of words by which something is known, addressed, or referred to.
Value	A value is a sequence of bits that is interpreted according to some data type.

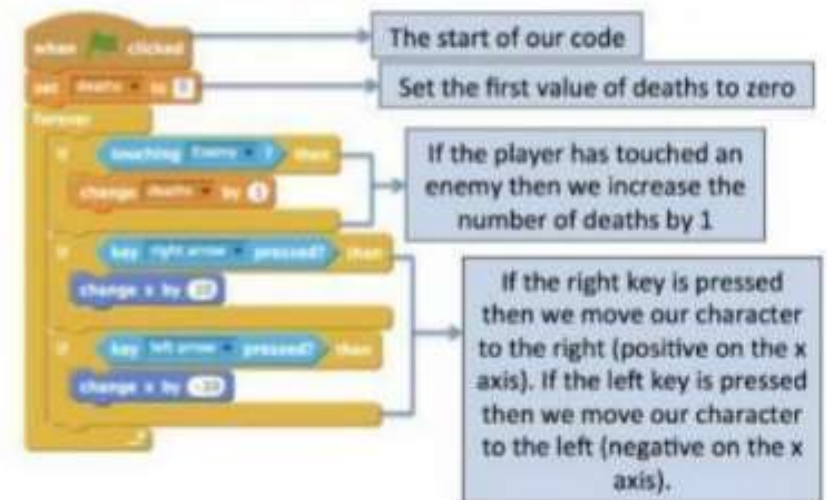


Key Knowledge

I can identify examples of information that is variable

I can explain that the way that a variable changes can be defined

I can identify that variables can hold numbers or letters

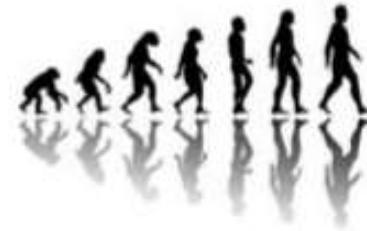


R.E. Year 4 Summer 1 Knowledge Organiser

What motivates Humanists to lead good lives?

Key vocabulary	Definition
Humanism	A non-religious worldview that approaches life by learning from their own or other experiences in order to inform their decisions and others.
Choices	Deciding between two or more possibilities and having the freedom to make this choice.
Golden Rule	A belief Humanists live by, to treat others as you would like them to treat you.
Global Warming	Increase in Earth's temperature caused by the carbon dioxide we give off as humans and the things we do.
Evolution	The process by which living things gradually change over time.
Big Bang Theory	The idea that the universe began as just a single point, then expanded and stretched to grow as large as it is now.

Key Knowledge
I can discuss what is a 'good' life.
I know the rules a Humanist might choose to live by to live a 'good' life.
I know what a Humanist might believe about how the world began.
I can discuss what actions a Humanist may take to live a 'good' life.
I can talk about what would motivate me to lead a better life.



Core Knowledge:




Humanists value freedom, empathy, reason, and human rights. Humanists believe there is no evidence of God, and science gives many answers to things previously attributed to Gods. They believe we have one life, and therefore need to make the best of it. This includes treating humans and other living things ethically, fairly, and positively. It is important to also take personal responsibility for our actions and believe that we have the potential to create great things which will benefit humanity and future generations.






Knowledge Organiser – PE – Dodgeball - Year Six

Key Vocabulary	Definition
Abide	Play in accordance with the rules.
Anticipate	To expect/be ready.
Assess	Make a judgement of a situation.
Fake	To pretend.
Officiate	To be in charge of the rules.
Trajectory	The path a ball takes in the air.

Skill Development	
Leader	<ul style="list-style-type: none"> • Create a plan with your team to achieve success. • Think of creative ways to beat and overcome tough opponents.
Fake	<ul style="list-style-type: none"> • 'Pretend' to throw the ball but do not let go of it which will make your partner move and set them up to get them out easily.
Throwing	<ul style="list-style-type: none"> • Consider how you can improve your chances of getting a player out with where you stand and aim. • If your team collects several balls, throw them at the same time to achieve greater success.

Skills	
Dodge	
Throw	
Catch	

Understanding Music


Key Vocabulary	Definition
Time signature	The rhythm following a clef 6/8 — there are six quaver beats in a bar
Key signature	The key of a piece of music depends on the flats and sharps in the music. D minor — there is one flat in the key signature (b)
Phrase	A musical sentence
Rhythmic patterns using:	Dotted crochets: 
	Quavers: 
	Triplet Quavers: 

Key Signature: G major —
There is one sharp in the key signature



G A B C D E F#

Key Signature: F minor — There are four flats in the key signature




F G A^b B^b C D^b E^b

Improvise Together

Recorder A Minor Scale and Finger Chart.



5/4 Time Signature



Top Number
5 beats every bar

Bottom Number
Quarter
(crochet) beat

Listening and Responding

Songs Covered

Wake Up!	Style: Hip Hop
Down By the Riverside	Style: Gospel
Dance the Night Away	Style: Salsa

Notes you composed with...

G, A, B, C, D, E, F#

